



MAMs Management Issues & X-MAMs

Presentation to Maritime
Allowance Working Group

2 MAR 04

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043



MAMs Management History

- Fleet Issues with MAMs Allowancing Process and Inventory Management
- SNAP Altered to Generate OPN-8 Outfitting Requisition
 - MAMs Are **NOT** Valid OPN-8 Outfitting Requirements
 - Should be Provided by Program Funds with System Installs/Upgrades
- NAVSEALOGCEN Receives Requisitions, Contacts ISEAs/PARM to Verify Material was Provided, Cancels Requisitions



The X-MAMS Solution

- Generate optimized MAMs allowances within CDMD-OA
 - Use existing provisioning process and configuration data
- All MAMs will be assigned an X-RIC for configuration management and accurate allowance
- MAMs allowances on any given ASI will reflect the actual total onboard allowance



X-MAMS Benefits

- Solves Computation Problems
 - Provides MAMs adds and deletes accurately reflected in ships files (ALL the time)
- Improves Inventory Management Capability
 - Provides Visibility of Each MAM via Configuration Record
 - Inventory using existing SNAP reports
 - More flexible sort methods for obtaining validation sheets (several sort orders available)
 - Unlimited number of MAMs locations
 - Additional description information such as parent APL which drove the allowance
 - Does Require Fleet Initial Inventory and Location Input
- Uses existing ASI processing to adjust shipboard records
- Compatible with all versions of SNAP



X-MAMs Implementation

- Phased Install of X-MAMs via TYCOM Scheduling
- To Varying Degrees TYCOMs assist ships in MAMs reconciliations and Initial Inventory
- To Date Implemented on 44% of Ships
- Training CD Available for Shipboard Use
- Has decreased generation of MAM requisitions (although still have some outstanding reqs.)



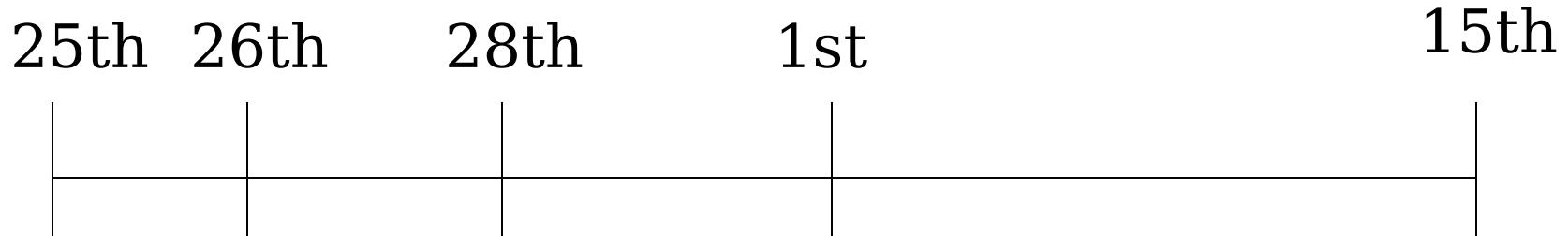
X-MAMs Implementation Status

	TOTAL SHIPS (SCN)	XMAMS IMPL (SCN)	% COMPL
CNSL	110 (5)	35	32%
CNSP	80 (3)	19	24%
CSL	29 (1)	23	79%
CSP	26	25	96%
CNAL	6	4	67%
CNAP	6 (1)	6 (1)	100%
TOTAL	257 (10)	112 (1)	44%

Stats. as of 25 Feb
04



X-MAMS Scheduling Timeline



- 25th - TYCOM submit request to NAVSEALOGCEN Mechanicsburg
- 26th - NAVICP-M Code 05632 load scheduled XMAMS UIC to workfile & remove XMAMS UIC for all CTC=3 from in-house ASIs
- 28th - NAVICP-M Code 05632 notify NSLCDETPAC of last NAVICP-M MAMs ASI #
- 1st to 15th - NSLCDETPAC
 - Process ASIs for XMAMS UIC up through Last NAVICP-M MAMs ASI#
 - Flush store & forward & pending files for XMAMS UIC
 - Build XMAMs Baseline
 - Notify TYCOM of XMAMs Baseline CDMD-OA ASI#
 - Send XMAMs Baseline to ship's mailbox
 - Send XMAMs ACHF records to NAVICP-M



Proposed MAMs Management Process

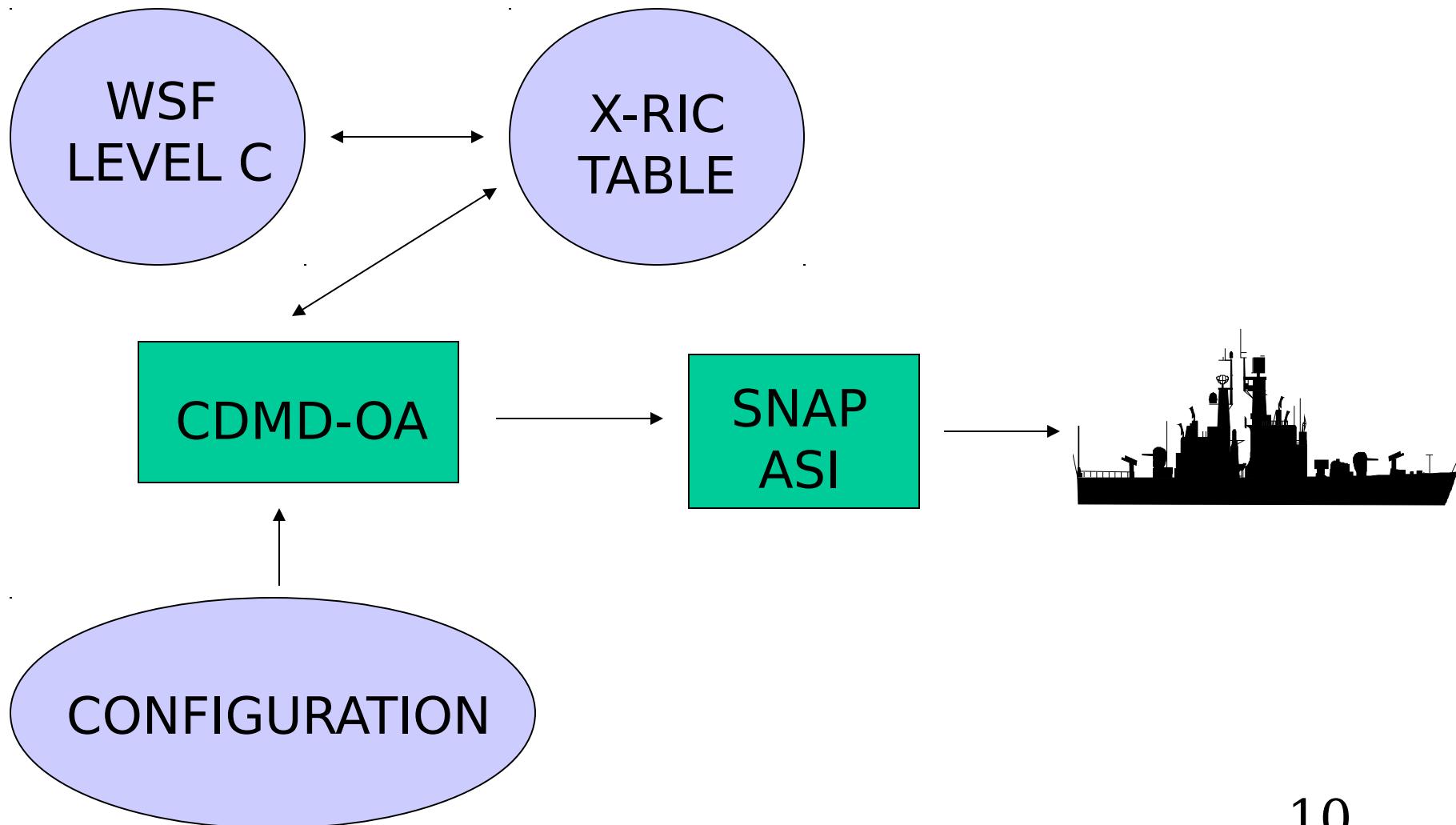
~~Under X-MAMs~~

- Reprogramming of SNAP/R-Supply to Terminate MAMs Requisitions Unlikely at Present
- For Ships Undergoing “Push to Pull” Processing
 - Message to Ship Stating Reason for Cancellation (Material Previously Provided/Onboard)
 - Cancellation after No Response in 60 Days
- For Ships Outside of Push to Pull Processing
 - Immediate CA Cancellation without Message



Back-Up Slides

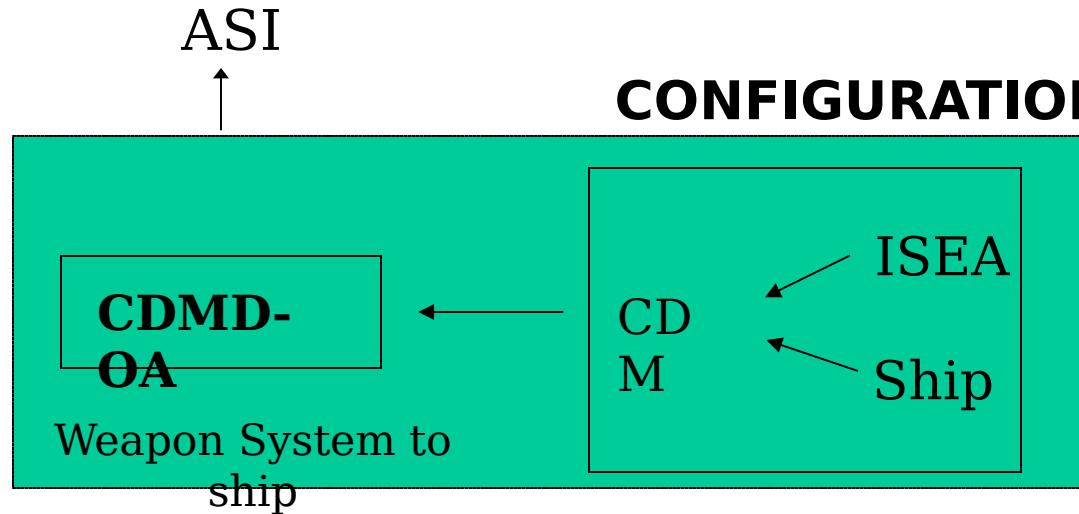
X-MAMs Process Overview



X-MAMs Process Description

MAMs X-RIC Process

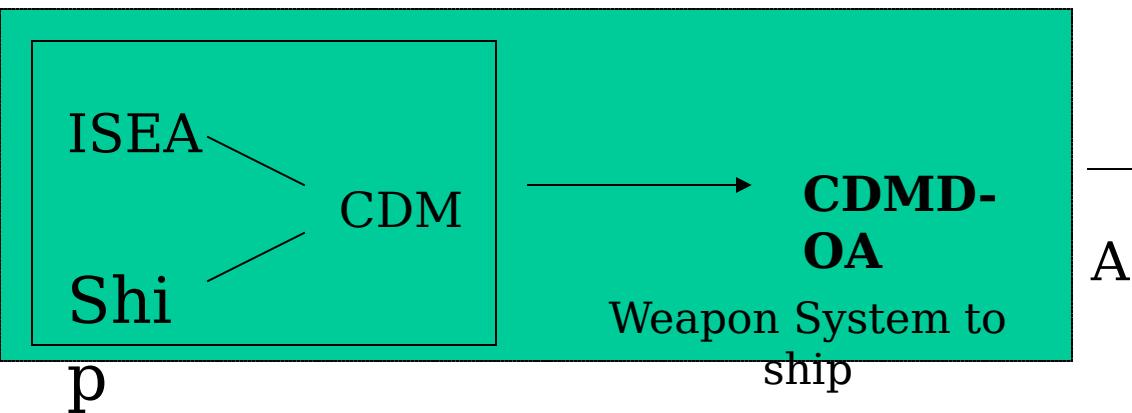
Master MAMs X-RIC Table
(MAM to Weapon System)



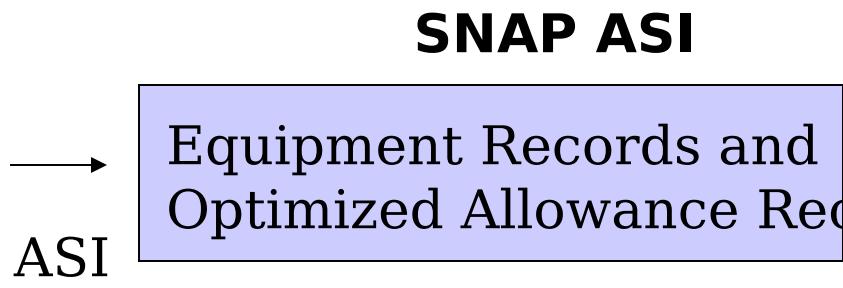
- X-RIC table automatically builds MAMs configuration records
- Based on ship's equipment configuration
- Each RIN record - Quantity of "1"
- Data supplied from Parent equipment
 - Location
 - Work Center

X-MAMs Process Description

CONFIGURATION



- Single summarization of MAMs X-RIC records to compute total ship MAMs allowance
- Create SNAP SRF “E” records

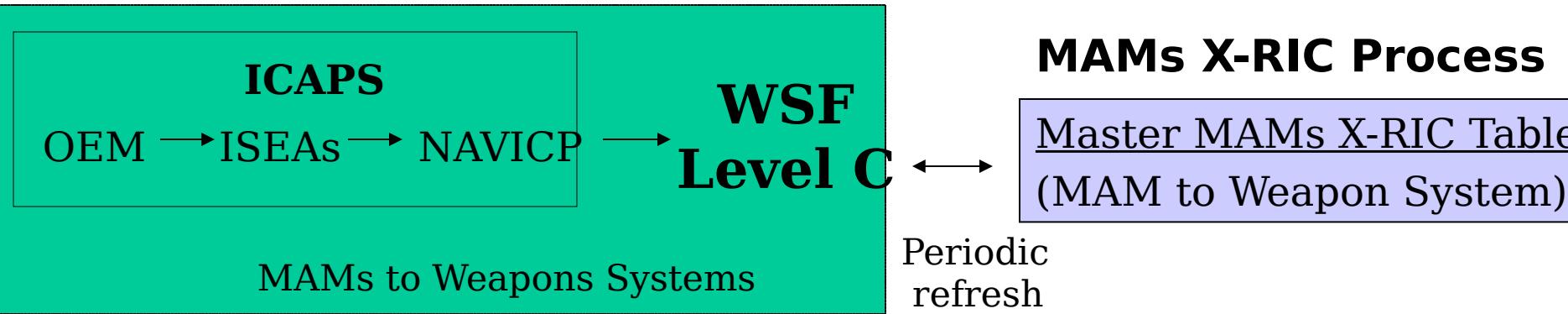


- EQU (A1A, A1D)
- SRF (E1A, E1D)



X-MAMs Process Description

PROVISIONING



WSF Level C

- Identifies all APLs containing MAMs and the MAMs allowance per equipment/system applications
- Alterations to equipments/systems (range add/delete, depth increase/decrease)

X-RIC Table

- Identifies each MAM and all equipment/system APL applications (higher assemblies)



BUSINESS RULES

- Configuration
 - MAMs will be recorded as shipboard configuration items
 - Type 2 configuration records...not alterations
 - For Type 4 alterations, X-RIC RIN will not be decremented/deleted until the alteration is accomplished against every occurrence of the parent RIC on ship
 - Initial configuration records will be established with the parent location and work center
 - Subsequent changes to these fields may only be made by the ship
 - For multiple applications of equipments/systems with MAMs, configuration records will be established based on Allowance Factor Code resident in WSF
 - Location and Work Center from first application will be used



BUSINESS RULES

- Allowances
 - NAVICP-M / TSA will continue to maintain equipment level MAMs allowances
 - CDMD-OA will apply MAMs allowances to the configuration
- X-RIC Structure
 - “XM” in the first two positions followed by the 9 character NIIN/NICN
 - X-RICs stored in X-RIC table which defines parent-child relationship between MAMs and higher assembly